

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hiroshi YABE et al.

Application No.: 09/631,697

Filed: August 3, 2000



Attn: Box Missing Parts

Docket No.: 040336.02

For: OSCILLATION CIRCUIT, ELECTRONIC CIRCUIT USING THE SAME, AND SEMICONDUCTOR DEVICE, ELECTRONIC EQUIPMENT, AND TIMEPIECE USING THE SAME

**RESPONSE TO NOTICE TO FILE MISSING PARTS WITH DECLARATION**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted (copy attached) mailed on September 12, 2000, submitted herewith is the executed Declaration of the inventors. Any specification attached to and referenced in the Declaration is a copy of the specification and any amendments thereto which were filed in the Office in order to obtain a filing date for the application.

Attached is our Check No. 113550 for \$130.00 for the fee under 37 C.F.R. §1.16(e).

Entry of these documents should complete all of the filing formalities and fully satisfy all requirements of the Notice to File Missing Parts. Accordingly, examination and allowance of this application in due course are respectfully solicited.

The Director is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 15-0461. Two duplicate copies of this paper are attached.

Respectfully submitted,

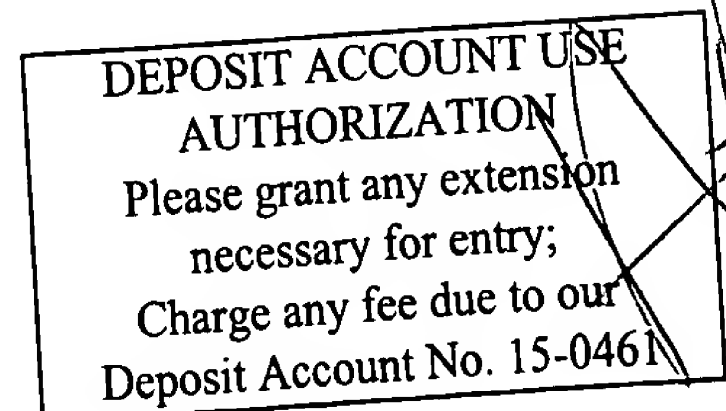
James A. Oliff  
Registration No. 27,075

Thomas J. Pardini  
Registration No. 30,411

JAO:TJP/cmm

Date: November 9, 2000

OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400



RECEIPT \$  
PATENT APPLICATION

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USING THE SAME

REQUEST FOR CORRECTED FILING RECEIPT

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

A corrected filing receipt is hereby requested in view of the errors which appear in the original. For the convenience of the Patent and Trademark Office, attached is a photocopy of the original receipt on which the errors have been noted in red.

☒ **APPLICANT'S ERROR** - In accordance with the provisions of 37 C.F.R. 1.19(h), our Check No. 113581 in the amount of Twenty Five Dollars (\$25.00) is attached. Please credit or debit Deposit Account No. 15-0461 as necessary to effect entry of the attached corrections.

Respectfully submitted,

James A. Oliff  
Registration No. 27,075

Thomas J. Pardini  
Registration No. 30,411

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TC 2800 MAIL ROOM

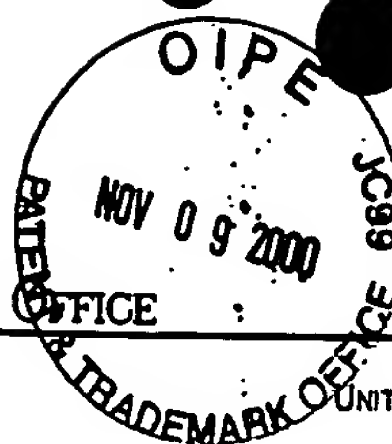
JAO:TJP/cmm  
Date: November 9, 2000

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P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE  
AUTHORIZATION  
Please grant any extension  
necessary for entry;  
Charge any fee due to our  
Deposit Account No. 15-0461



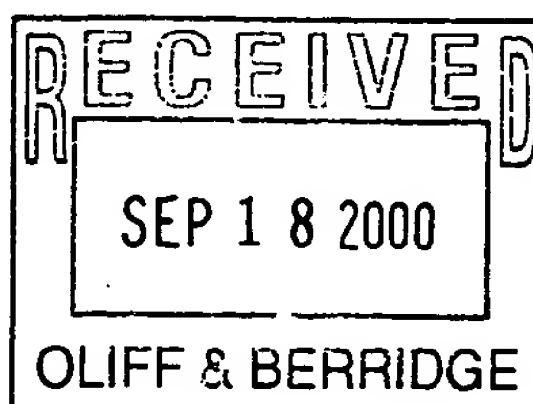
## UNITED STATES PATENT AND TRADEMARK OFFICE



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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/631,697	08/03/2000	2817	1140	040336.02	20	45	3

OLIFF & BERRIDGE PLC  
P O BOX 1992  
ALEXANDRIA, VA 22320



## FILING RECEIPT



\*OC000000005391901\*

Date Mailed: 09/12/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

SHINJI NAKAMIYA, SUWA-SHI, JAPAN;  
HIROSHI YABE, SUWA-SHI, JAPAN;  
TADAO KADOWAKI, SUWA-SHI, JAPAN;  
YOSHIKI MAKIUCHI, SUWA-SHI, JAPAN;

## Continuing Data as Claimed by Applicant

09/516,559

THIS APPLICATION IS A CIP OF 09/516,599-01/29/1999  
WHICH IS A CON OF 08/994,020 12/18/1997 PAT 6,046,648

## Foreign Applications

JAPAN JP 8-359013 12/27/1996  
JAPAN JP 9-87763 03/19/1997

If Required, Foreign Filing License Granted 09/12/2000

## Title

OSCILLATION CIRCUIT, ELECTRONIC CIRCUIT USING THE SAME, AND  
SEMICONDUCTOR DEVICE, ELECTRONIC EQUIPMENT, AND TIMEPIECE USING THE  
SAME

## Preliminary Class

331



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/631,697	08/03/2000	2817	1270	040336.02	20	45	3

## CORRECTED FILING RECEIPT

OLIFF & BERRIDGE PLC  
P O BOX 1992  
ALEXANDRIA, VA 22320



\*OC000000005713829\*

Date Mailed: 01/29/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

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SAME

## Preliminary Class

331

Data entry by : MEREDITH, WANDA

Team : OIPE

Date: 01/29/2001.



**LICENSE FOR FOREIGN FILING UNDER**  
**Title 35, United States Code, Section 184**  
**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

FILE COPY



Bib Data Sheet

<b>SERIAL NUMBER</b> 09/631,697	<b>FILING DATE</b> 08/03/2000 <b>RULE</b> -	<b>CLASS</b> 331	<b>GROUP ART UNIT</b> 2817	<b>ATTORNEY DOCKET NO.</b> 040336.02
<b>APPLICANTS</b> SHINJI NAKAMIYA, SUWA-SHI, JAPAN; HIROSHI YABE, SUWA-SHI, JAPAN; TADAO KADOWAKI, SUWA-SHI, JAPAN; YOSHIKI MAKIUCHI, SUWA-SHI, JAPAN;				
<b>** CONTINUING DATA *****</b> THIS APPLICATION IS A CIP OF 09/516,559 02/29/2000 ABN WHICH IS A CON OF 08/994,020 12/18/1997 PAT 6,046,648				
<b>** FOREIGN APPLICATIONS *****</b> JAPAN JP 8-359013 12/27/1996 JAPAN JP 9-87763 03/19/1997 JPX 2000-183384 6/19/2000				
<b>IF REQUIRED, FOREIGN FILING LICENSE</b> <b>GRANTED ** 09/12/2000</b>				
Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged <u>                    </u> Examiner's Signature Initials		<b>STATE OR COUNTRY</b> JAPAN	<b>SHEETS DRAWING</b> 20	<b>TOTAL CLAIMS</b> 45
<b>INDEPENDENT CLAIMS</b> 30				
<b>ADDRESS</b> OLIFF & BERRIDGE PLC P O BOX 1992 ALEXANDRIA, VA 22320				
<b>TITLE</b> OSCILLATION CIRCUIT, ELECTRONIC CIRCUIT USING THE SAME, AND SEMICONDUCTOR DEVICE, ELECTRONIC EQUIPMENT, AND TIMEPIECE USING THE SAME				
<b>FILING FEE RECEIVED</b> 1270	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	





## UNITED STATES PATENT AND TRADEMARK OFFICE

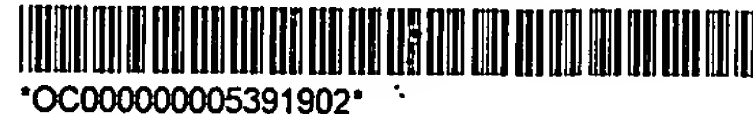
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/631,697	08/03/2000	SHINJI NAKAMIYA	040336.02

OLIFF & BERRIDGE PLC  
P O BOX 1992  
ALEXANDRIA, VA 22320



## FORMALITIES LETTER



\*OC000000005391902\*

Date Mailed: 09/12/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

11/13/2000 AGOITOM 00000069 09631697

01 FC:105

130.00 OP